

Patent claims

1. A clutch device for the couplable connection of two rotatably mounted machine parts, especially a first shaft (2) and a second shaft (13), characterized in that the shaft (13) has a clutch ring (1), which on the inside has sprags (3), acting against each other in pairs respectively, which are installed on the shaft (2) in an encircling manner.
2. The clutch device as claimed in claim 1, characterized in that the sprags (3) are accommodated in recesses (5) of a cage (4).
3. The clutch device as claimed in claim 1 or 2, characterized in that the sprags (3) are accommodated in a spring ring (6).
4. The clutch device as claimed in claim 3, characterized in that the spring ring (6) is formed as a helical spring ring.
5. The clutch device as claimed in one of the preceding claims, characterized in that an axially movable sliding sleeve (15), for the axial displacement of the sprags (3), is provided on one shaft (2,13).
6. The clutch device as claimed in one of the preceding claims, characterized in that an axially movable sliding sleeve (16), with sprags (3) attached on the outer- and inner side, is provided on one shaft (2,13).
7. The clutch device as claimed in one of the preceding claims, characterized in that an axially movable sliding sleeve (18) is provided, which has a double cone (19,19') on the outer side, and an inner cone on the inner side.